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OXC-8446-65
Copy 1 of 13

2 April 1965

MEMORANDUM FOR THE RECORD

SUBJECT: R&D to Solve Pressure Suit Helmet Visor Reflection

1. Results of 31 March meeting at Worcester, Mass.
with [redacted] of David Clark
Co., and [redacted]
regarding subject problem follow.

2. [redacted] submitted their proposal and work statement.
Highlights of this effort are:

a. Program to consist of ten sequential development stages culminating in delivery of two samples of visors that meet requirements of strength, coating for low reflectance, heating, and edge attachments. These two samples could be interchanged with present visors and flight tested for evaluation.

b. Total cost estimate is \$148,712. The different stages to be handled individually on purchase order basis. This does not include necessary expenditures of the David Clark Co., prime contractor for [redacted] Rough estimate of D. Clark expenditures is [redacted]

c. Total time estimate is 65 weeks.

3. [redacted] informed [redacted] that the nature of the problem and the urgency to solve it made the time schedule unacceptable and suggested paralleling several of the development stages rather than completing them sequentially. The risk of spending moneys in advance in order to parallel a development program are recognized and accepted. The paramount advantage in the parallel development is that the time to end product could be reduced from 65 weeks to 35 weeks. [redacted] agreed to this subject to review and approval [redacted] Director of Research at [redacted]

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4. Conclusions:

- a. The approach appears logical.
- b. A learning curve for [] is admitted but recognized problems do not appear to be insurmountable.
- c. Sixty-five weeks to complete the program is unacceptable.
- d. Priority to complete the job at [] as soon as possible is inadequate.

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5. Recommendations:

- a. Proceed immediately with approval to [] to proceed with parallel development plan approach.

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- b. Provide 0-3 clearances for the following [] personnel as soon as possible:

[]

[]

[]

Major USAF
ASD/OSA

ASD/OSA/[] : gp (2 April 1965)

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